



Minnesota Ag News – Crop Weather

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COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN, MN

UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, USDA-NRCS, and Local FACs

CONTINUED PRECIPITATION; MINIMAL PLANTING PROGRESS

Planting progress inched forward as 3 percent of Minnesota's spring wheat was planted as of May 1, according to the USDA, NASS, Minnesota Field Office. Last year spring wheat was 96 percent planted, and the five-year average was 41 percent. Corn planting was underway at 1 percent, compared to 84 percent last year and 46 percent average. Other planting activity included oats at 9 percent planted, barley at 3 percent planted, and sugarbeets at 2 percent planted. These crops were at least 35 percentage points behind their respective averages.

Above average precipitation prevailed during the week statewide. Steady rain fell across much of central and southern Minnesota on April 26. The Twin Cities International Airport received a record setting 1.46 inches of rain. The rain changed to snow over parts of northern and central Minnesota into the early morning of April 27. One inch of snow was measured in Duluth. Over the weekend, wet and windy conditions prevailed, with winds gusting in excess of 30 to 50 mph over areas of western, central and southern Minnesota. Statewide average temperatures measured 3.3° below normal.

Producers rated 1.3 days suitable for fieldwork. Topsoil moisture supplies were rated 56 percent adequate and 44 percent surplus, nearly unchanged from the previous week. Anticipated start date for full scale fieldwork was delayed for a second week to May 6.

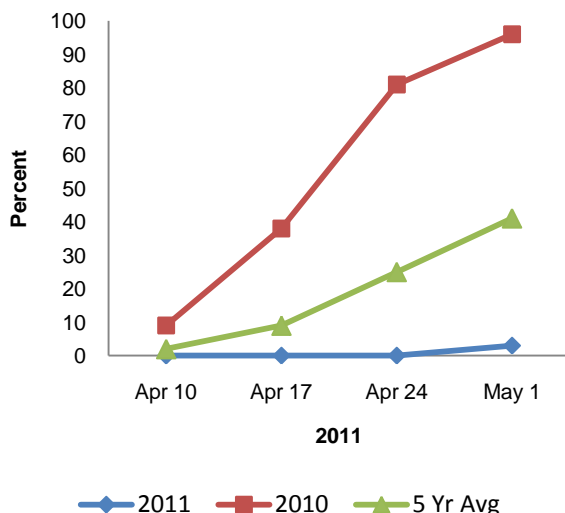
Pasture condition was rated 3 percent very poor, 9 percent poor, 27 percent fair, 53 percent good, and 8 percent excellent. Several flood warnings have been cancelled; however, some areas along the Minnesota River are still under flood warning.

Days Suitable for Fieldwork: 1.3				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	0	0	56	44

Crop Progress as of May 1, 2011					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Land Prepared	4	2	93	57
	Planted	1	0	84	46
Soybeans	Land Prepared	1	1	43	18
	Planted	0	0	17	6
Oats	Planted	9	4	94	59
	Emerged	0	0	57	22
Spring Wheat	Planted	3	0	96	41
	Emerged	0	0	61	16
Barley	Planted	3	1	96	39
	Emerged	0	0	59	16
Sugarbeets	Planted	2	0	96	47
Approximate Date to Begin Full-Scale Fieldwork		5/6	5/1	4/13	4/21

Condition as of May 1, 2011					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	3	9	27	53	8

Spring Wheat Planted



The following links provide further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week:

<http://climate.umn.edu/doc/weekmap.asp>

Spring flood information:

http://climate.umn.edu/doc/journal/flood_2011/flooding_2011.htm

National Weather Service's Minnesota Data:

<http://www.nws.noaa.gov/view/states.php?state=MN>

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING May 1, 2011:
Temperatures averaged from 5.6 degrees below normal in the Southeast,
South Central Districts to 1.5 degrees above normal in the Northwest
District. Extremes: 18 degrees in Pipestone; 71 degrees in Warroad.
Average precipitation ranged from 0.03 inch below normal in the West
Central District to 1.24 inches above normal in the East Central
District. Greatest weekly total of 2.27 inches was recorded in St Paul at
the University of Minnesota campus.

For a map of Minnesota's
precipitation, please see
the Minnesota Climatology
Group's website;
[http://climate.umn.edu/
doc/weekmap.asp](http://climate.umn.edu/doc/weekmap.asp).

Precipitation and Temperature Summary for 4/25/2011 through 5/1/2011

	Temperature				Precipitation			
	High	Low	Week Ave	Depart from Norm	Week Total	Depart From Norm Past Four Weeks	Since 4/1	
<u>NW DIST 1</u>								
Crookston	70	24	49.8	1.3	.23	-.16	.63	.70
Itasca	69	25	47.4	3.0	.62	.16	1.73	1.80
Moorhead	70	27	47.6	-2.3	.05	-.34	.71	.59
Warroad	71	27	46.2	2.0	1.10	.74	2.23	2.31
<u>NC DIST 2</u>								
Grand Rapids	69	27	44.8	-2.2	1.43	.94	1.10	1.28
Intl. Falls	68	25	43.8	-1.9	.98	.59	1.87	2.35
<u>NE DIST 3</u>								
Duluth	65	29	42.2	-2.6	1.75	1.22	1.19	1.62
Grand Marais	62	31	41.5	-1.0	1.00	.62	.65	.92
Hibbing	68	23	42.6	-2.8	1.29	.87	1.10	1.31
<u>WC DIST 4</u>								
Alexandria	62	26	46.5	-2.4	.40	-.10	-.40	-.49
Browns Valley	67	27	48.2	-2.6	.34	-.14	-.42	-.62
Canby	63	30	47.8	-3.6	1.01	.46	-.29	-.30
Montevideo	64	30	47.6	-2.9	.56	-.02	-.37	-.39
Morris	63	27	46.6	-3.8	.39	-.13	-.64	-.78
Wheaton	67	27	48.6	-1.3	.20	-.27	-.53	-.54
<u>CENT DIST 5</u>								
Becker	66	32	45.4	-4.9	1.54	.90	.48	1.02
Collegeville	67	30	48.8	-3.1	1.27	.70	.45	.25
Hutchinson	62	30	46.7	-4.1	1.68	1.13	1.65	1.69
Melrose	64	22	46.0	-3.5	1.17	.60	.30	.11
Olivia	64	30	46.8	-3.6	1.11	.52	.31	.32
St. Cloud	65	30	44.7	-4.9	1.04	.51	-.03	-.05
Wadena	68	26	47.0	-.4	.66	.15	.30	.40
Willmar	64	29	45.4	-3.9	1.02	.48	.54	.62
<u>EC DIST 6</u>								
Aitkin	M	M	M	M	M	M	-.35m	-.29m
Forest Lake	68	33	46.0	-4.4	1.66	1.03	.27	.51
Hinckley	65	26	42.0	-4.9	1.55	.94	.37	.56
MSP Airport	65	33	46.4	-5.9	1.99	1.40	.55	.40
St. Paul - UofM	64	32	45.8	-6.0	2.27	1.61	.62	.64
<u>SW DIST 7</u>								
Lamberton	63	31	47.6	-3.4	1.08	.40	-.16	-.22
Marshall	62	25	46.5	-4.7	.67	.07	.13	.16
Pipestone	65	18	44.4	-6.0	.57	-.06	.59	.61
Redwood Falls	62	32	46.4	-6.4	.93	.31	1.45	1.35
Worthington	63	30	46.0	-3.4	.69	.03	.47	.42
<u>SC DIST 8</u>								
Faribault	63	31	45.1	-4.8	1.84	1.11	1.17	1.07
North Mankato	62	32	44.8	-7.3	1.33	.61	-.19	-.29
Waseca	62	32	45.3	-5.5	1.35	.54	1.21	1.13
Winnebago	63	32	47.0	-4.6	1.14	.36	.69	.67
<u>SE DIST 9</u>								
Preston	64	25	44.3	-5.8	1.63	.80	1.37	1.20
Red Wing	65	36	46.2	-5.3	1.55	.84	-.05	-.09
Rochester	63	34	44.5	-5.6	1.43	.67	1.00	.91
Rosemount	64	33	46.1	-4.7	2.29m	1.54m	.66m	.59m
Winona	66	34	46.8	-4.6	1.31	.47	.89	.79
m=some data missing								

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